

ABSTRACT OF THE DISCLOSURE

In a photocurrent-to-binary signal conversion apparatus, a light receiving element receives a light signal so that a photocurrent in response to the light signal flows through the light receiving element. An amplifier converts the photocurrent into a detection voltage. A reference voltage generating circuit offsets the detection voltage on the side of the detection voltage to generate a reference voltage.

5 A comparator compares the detection voltage with the reference voltage to generate a binary signal in accordance with whether or not the detection voltage is higher than the reference voltage.

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